

Date: March 22, 2004 Label No. EV369584450US

I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Donald Prater
Name (Print)

Donald S. Prater
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: BELMONT et al.)	Parent Examiner: P. Mulcahy
)	
Application No.: Unassigned)	Parent Group Art Unit: 1713
)	
Filed: March 22, 2004)	Confirmation No.: Unassigned
)	
Docket No.: 356,660CIP1CON5)	
(3600-151-02))	

For: REACTION OF CARBON BLACK WITH DIAZONIUM SALTS, RESULTANT
CARBON BLACK PRODUCTS AND THEIR USES

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 22, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Forms PTO-1449. Copies of these documents are of record in parent U.S. Patent Application Nos. 10/139,264, 09/257,237, 09/105,007, 08/572,525, and 08/356,660. Since the present application claims the benefit from U.S. Patent Application Nos. 10/139,264, 09/257,237, 09/105,007, 08/572,525, and/or 08/356,660 under § 120, no copies of the documents need to be provided. However, full English translations of JP 60-115665 and JP 59-122555 are enclosed.

This Information Disclosure Statement is being submitted before expiration of the three month period following filing of the above-captioned application.

Information Disclosure Statement
U.S. Patent Application No. Unassigned

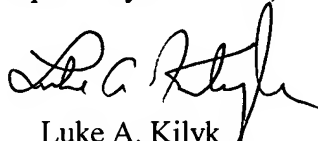
The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. *See* 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 03-0060 and please consider this a petition.

Respectfully submitted,



Luke A. Kilyk
Reg. No. 33,251

Information Disclosure Statement
U.S. Patent Application No. Unassigned

Atty. Docket No. 356,660CIP1CON5 (3600-151-02)

KILYK & BOWERSOX, P.L.L.C.

53 A East Lee Street

Warrenton, VA 20186

Tel: (540) 428-1701

Fax.: (540) 428-1720

Enclosures: PTO-1449 (13 sheets) and 2 full English translations

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

1 of 12

Atty. Docket No.: 356,660CIP1CONS (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, et al.

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	2,121,535	06/21/38	AMON			
	3,011,902	12/05/61	JORDAN			
	3,686,111	08/22/72	MAKLOUF et al.			
	3,876,603	04/08/75	MAKLOUF et al.			
	4,006,031	02/01/77	PERCE et al.			
	4,204,871	05/27/80	JOHNSON et al.			
	4,204,876	05/27/80	BOWDEN			
	4,451,597	05/29/84	VICTORIUS			
	4,525,521	06/25/85	DEWEHARTOG			
	4,555,535	11/26/85	BEDNAREK et al.			
	4,597,794	07/01/86	OHYA et al.			
	4,752,532	06/21/88	STARKA			
	5,093,407	03/03/92	KOMAI et al.			
	5,130,363	07/14/92	SCHOLL et al.			
	5,141,556	08/25/92	MATRICK			
	5,168,106	12/01/92	BABCOCK et al.			
	5,184,148	02/02/93	SUGA et al.			
	5,190,582	03/02/93	SEINOZUKA et al.			
	5,229,452	07/20/93	GREEN et al.			
	5,232,974	08/03/93	BRANAN, Jr. et al.			
	5,236,992	08/17/93	BUSE			
	5,288,788	02/22/94	SEISS et al.			
	5,302,197	04/12/94	WICKRAMANAYAKE et al.			
	5,310,778	05/10/94	SEOR et al.			
	5,352,299	10/04/94	WEAVER et al.			
	5,860,001	03/13/99	GESSLER et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation
DE 3170748	07/04/85	GERMANY (Abstract)			Yes No
EP 0 441 987	08/21/91	EUROPE			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Belmont et al., USSN 08/356,664, filed December 15, 1994.
	Belmont et al., USSN 08/356,462, filed December 15, 1994.
	Belmont et al., USSN 08/356,459, filed December 15, 1994.
	Belmont et al., USSN 08/356,460, filed December 15, 1994.
	Belmont, USSN 08/356,551, filed December 15, 1994.
*	Belmont et al., USSN 08/572,542, filed December 14, 1995.
*	Belmont et al., USSN 08/572,336, filed December 14, 1995.
*	Belmont et al., USSN 08/572,545, filed December 14, 1995.

Examiner

Data Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CONS (3600-151-02) Application No.: To Be Assigned

Applicant: BELMONT, et al.

Filing Date: March 22, 2004 Group Art Unit: To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	2,156,591	05/02/39	JACOBSON			
	2,502,254	03/28/50	GLASSMAN			
	2,625,492	01/13/53	YOUNG			
	2,833,736	05/06/58	GLASZ			
	3,528,340	09/15/70	ABOYTES			
	3,607,813	09/21/71	PURCELL			
	3,674,670	07/04/72	ERIKSON et al.			
	3,846,141	11/05/74	OSTERGREY et al.			
	4,003,751	01/18/77	CARDER			
	4,014,833	03/29/77	STORY			
	4,061,830	12/06/77	GREENBERG			
	4,176,361	11/27/79	KAWADA et al.			
	4,290,072	09/15/81	MANUSUKIAN			
	4,293,394	10/06/81	DARLINGTON et al.			
	4,308,061	12/29/81	INWASEE et al.			
	4,442,256	04/10/84	MILLER			
	4,476,270	10/09/84	BRASEN et al.			
	4,478,905	10/23/84	NEELY, JR.			
	4,503,174	03/05/85	VASTA			
	4,503,175	03/05/85	BOUZE et al.			
	4,525,570	06/25/85	BLUM et al.			
	4,544,687	10/01/85	SCHUPP et al.			
	4,556,427	12/03/85	LEWIS			
	4,505,596	08/12/86	FRY			
	4,620,993	11/04/86	SUSS et al.			
	4,620,994	11/04/86	SUSS et al.			
	4,650,719	03/17/87	SIMPSON et al.			
	4,659,770	04/21/87	VASTA			
	4,665,129	05/12/87	CLUFF et al.			
	4,680,204	07/14/87	DAS et al.			
	4,681,921	07/21/87	SIMPSON et al.			
	4,692,481	09/08/87	KELLY			
	4,710,543	12/01/87	CEATTER et al.			
	4,713,427	12/15/87	CEATTER et al.			
Examiner	Date Considered					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPSP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,719,132	01/12/88	PORTER, JR.			
	4,727,100	02/23/88	VASTA			
	4,764,430	08/16/88	BLACKBURN <i>et al.</i>			
	4,770,706	09/13/88	PIETSCH			
	4,789,400	12/06/88	SCIODAR <i>et al.</i>			
	4,798,745	01/17/89	MARTZ <i>et al.</i>			
	4,798,746	01/17/89	CLAAR <i>et al.</i>			
	4,808,656	02/28/89	KANIA <i>et al.</i>			
	4,820,751	04/11/89	TAKESEITA <i>et al.</i>			
	4,840,674	06/20/89	SCEWARZ			
	4,853,037	08/01/89	JOENSON <i>et al.</i>			
	4,883,338	11/23/89	JUNG <i>et al.</i>			
	4,908,397	03/13/90	BARSOZZI <i>et al.</i>			
	4,914,148	04/03/90	EMLE <i>et al.</i>			
	4,927,362	05/22/90	SCHIMMEL <i>et al.</i>			
	4,975,474	12/04/90	BARSOZZI <i>et al.</i>			
	4,994,320	02/19/91	(Abstract Only)			
	5,008,335	04/16/91	PETCOT, JR.			
	5,017,435	05/21/91	BARSOZZI <i>et al.</i>			
	5,026,755	06/25/91	KVEGLIS <i>et al.</i>			
	5,051,464	09/24/91	JOENSON			
	5,064,719	11/12/91	DEN BARTOG <i>et al.</i>			
	5,066,733	11/19/91	MARTZ <i>et al.</i>			
	5,075,343	12/31/91	ACITELLI <i>et al.</i>			
	5,093,391	03/03/92	BARSOZZI <i>et al.</i>			
	5,100,470	03/31/92	ENDAGOLLA <i>et al.</i>			
	5,106,427	04/21/92	ERUSER <i>et al.</i>			
	5,109,053	04/23/92	Abstract Only			
	5,114,477	05/19/92	MORT <i>et al.</i>			
	5,123,552	06/16/92	JOENSON			
	5,130,004	07/14/92	JOENSON <i>et al.</i>			
	5,152,601	10/06/92	Abstract Only			
	5,173,111	10/22/92	KRISMAN <i>et al.</i>			
	5,159,009	10/27/92	WOLFF <i>et al.</i>			
	5,179,191	01/12/93	JUNG <i>et al.</i>			
Examiner	Date Considered					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02) Application No.: To Be Assigned

Applicant: BELMONT, et al.

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,182,355	01/26/93	MARTZ et al.			
	5,204,404	04/20/93	WERNER, JR., et al.			
	5,206,295	04/27/93	HARPER et al.			
	5,221,581	06/22/93	PALMER et al.			
	5,242,751	09/07/93	HARTMAN			
	5,266,361	11/30/93	SCHWARTZ et al.			
	5,266,406	11/30/93	DEN HARTOG et al.			
	5,276,097	01/04/94	HOFFMANN et al.			
	5,296,296	02/15/94	WINNIK et al.			
	5,290,348	03/01/94	PALMER et al.			
	5,314,953	05/24/94	CORCORAN et al.			
	5,314,945	05/24/94	NICKLE et al.			
	5,319,044	06/07/94	JUNG et al.			
	5,320,738	06/14/94	KAUFMAN			
	5,324,790	06/28/94	MANRING			
	5,334,550	08/02/94	SERDIUK et al.			
	5,336,715	08/09/94	KAPPES et al.			
	5,336,753	08/09/94	JUNG et al.			
	5,355,973	10/13/94	TALVAN et al.			
	5,366,323	11/22/94	STRUTHERS			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation
					Yes No
862,018	03/01/61	GREAT BRITAIN			
1,164,736	10/14/58	FRANCE w/Translation of Claims			
1,213,395	04/21/60	FRANCE (English Translation)			
1,234,131	04/21/60	FRANCE w/Translation			
2,477,593	11/09/81	FRANCE w/Derwent Abstr.			
2,507,523	06/23/88	FRANCE w/Derwent Abstr.			
2,564,489		FRANCE (Abstract Only)			
59/32,467	05/12/84	JAPAN w/Derwent Abstr.			
272,127	06/22/89	EUROPE (Abstract Only)			
417,132	02/23/94	EUROPE (Abstract Only)			
433,239	06/19/91	EUROPE (Abstract Only)			

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, et al.

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Sub Class	Translation If Appropriate
	6,067,421	03/12/94	JAPAN (Abstract Only)			
	5,339,516	12/21/93	JAPAN (Abstract Only)			
	6,025,572	02/01/94	JAPAN (Abstract Only)			
	636,591	02/01/95	EUROPE (Abstract Only)			
	6,073,235	03/15/94	JAPAN (Abstract Only)			
	05/271,365		JAPAN (Abstract Only)			
	06/025,572	02/01/94	JAPAN (Abstract Only)			
	01/275,666	11/06/89	JAPAN (Abstract Only)			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

S. Wolff et al., "The Influence of Modified carbon Blacks on Viscoelastic Compound Properties" *Kautschuk & Gummi, Kunststoffe* 44, Jahrgang Nr. 10/91, pp. 941-947.

C. Bourdillon, "Immobilization of glucose oxidase on a carbon surface derivatized by electrochemical reduction of diazonium salts" *J. Electroanal. Chem.* 336 (1992) 113-123.

S.E. Moschopedis et al., "The Reaction of Diazonium Salts with Humic Acids and Coals: Evidence for Activated Methylene Bridges in Coals and Humic Acids" *Fuel* 43(4) at pp. 299-298 (1964).

Ullmann's Encyclopedia of Industrial Chemistry, Vol. A8, pp. 508-509.

J.B. Donnet et al., "Chimie Superficielle Et Sites Privilegiés Des Charres Fines" Conference présentée aux Journées du Caoutchouc, Conférence Internationale des Arts Chimiques, 22-23, pp. 5-12, (June 1959).

V.A. Garton et al., "Nature Of Chemisorptive Mechanisms In Rubber Reinforcement", Commonwealth Scientific and Industrial Research Organ., Div. Of Industrial Chem., Melbourne, Australia, pp. 596-609.

J.W. Watson, "Chemical Aspects Of Reinforcement", Compounding Research Dept., Dunlop Research Center, Dunlop Rubber Co., pp. 987-999.

K. Ohkita, et al., "The Reaction Of Carbon Black Surface With 2,2-Diphenyl-1-picrylhydrazyl", *CAR*, Vol. 10, No. 5, (1973) pp. 631-636.

M.L. Studebaker et al., "Oxygen-Containing Groups On The Surface Of Carbon Black", *Industrial and Eng. and Chem.*, Vol. 43, No. 1, pp. 162-166.

T. Yamaguchi et al., "Novel Carbon Black/Rubber Coupling Agent", *Kautschuk und Gummi, Kunststoffe* 42, Jahrgang Nr. 5/89, pp. 403-409.

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, et al.

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

OTHER DOCUMENTS (Including Author, Title, Date, pertinent Pages, Etc.)

- J.B. Donnet et al., "Aroxyllic Structure of The Quinone Groups And of The Free Radicals Present On Carbon Black Surfaces", Rev. Gen. Caoutchous Plastiques, Vol. 42, No. 3, (1965), pp. 389-392. (w/Abstract);
- J.B. Donnet et al., "Radical Reactions And Surface Chemistry Of Carbon Black", Bull. Soc. Chim. (1960) (Abstract only).
- RAPRA Abstract 432845: Compounding Heat Resistant Non-Black EPDM Rubber, PPG Industries.
- RAPRA Abstract 417612, D.C. Edwards, "Review: Polymer-Filler Interactions In Rubber Reinforcement", J. Mat. Sci., Vol. 25, No. 10, (1990) pp. 4175-4185.
- Gregory, Peter, "Ink Jet Printing", High-Technology Applications of Organic Colorants, Chapter 9, (1991).
- RAPRA Abstract 403202, D. Siller, "Organotitanate, Zirconate Effect On Elastomers", Rubb. Plast. News, Vol. 19, No. 24, (1990), pp. 14-27.
- RAPRA Abstract 390600, H. Okamoto, "Application Of Coupling Agents To Elastomers", Nippon Gomu Kyokaishi, Vol. 52, No. 12, (1989) pp. 319-323.
- RAPRA Abstract 394030, P. Flink et al., "Mechanical Properties Of Natural Rubber Grafted Cellulose Fibre Composites", Brit. Polym. J., Vol. 22, No. 2, 1990, pp. 147-153.
- Tsubokawa et al., "Grafting Onvo Carbon Black Having Few Functional Groups" Shikizai Kyokaisha, Vol. 66, No. 5, (1993) (Abstract Only).
- R.E. Leach et al., "The Printing Processes", The Printing Ink Manual, Chapter 2, Fourth Edition.
- R.E. Leach et al., "Gravure Inks", The Printing Ink Manual, Chapters 8-10, Fifth Edition (1988).
- N. Tsubokawa, "Functionalization Of Carbon Black By Surface Grafting Of Polymers", Dept. Of Material and Chemical Eng., pp. 417-470.
- "Ink Jet Printing: 1994 Overview and Outlook Supplied, Chapter 7, Andreattola, Ink Jet Ink Technology, pgs. 533-534.
- Maier, Michael J., "Formulating The Future of Automotive Coatings", Modern Paint and Coatings, pp. 34-36, (1993).
- Greenfield, David, "Fewer Formulation Options Lead to Emphasis on Familiar", Modern Paint and Coatings, pp. 40-43, (1993).
- Schranz, Joe, "Automotive Coatings", Modern Paint and Coatings pp. 23-31, (1994).

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02) Application No.: To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

OTHER DOCUMENTS (Including Author, Title, Date, pertinent Pages, Etc.)

"Regulations Focus Formulator Attention on Additives",

Modern Paint and Coatings, pp. 32-36. (1994).

Sherter, Robert. "Coloration Of Ink Jet Inks", 3LS Ink Jet Printing Conference, October 10-12. (1994), Monterey CA.

Allen, Ross. "Thermal Ink Jet Printing Trends and Advances", 3LS Ink Jet Printing Conference, October 10-12, (1994), Monterey, CA.

Schneider, John. "Continuous Ink Jet", 3LS Ink Jet Printing Conference October 10-12 (1994) Monterey, CA.

Abstract 388935, R. Mushack, "Light-Colored Fillers In Polymers", Gummi Fas. Kunst., Vol. 42, No. 11, (1989), pp. 524-592.

Abstract 301934, J.Y. Germain et al., "Carbon Black Is Better With Silica", Rubb. World, Vol. 193, No. 1, (1985), pp. 51-54.

Abstract 343229, "White And Black Fillers For Rubber Compounds", Ind.d. Gomma, Vol. 30, No. 12, (1984) pp. 23-34.

Abstract 177481, L. Corbelli, "Ethylene-Propylene Rubbers", London Applied Science Publishers Ltd., (1991) Chapter 4, pp. 87-129.

Abstract 105623, G. Suceran et al., "Putting Performance Into Thermosets With Titanium Coupling Agents", Cleveland, Ohio, (1976), pp. 106-113.

Abstract 056393, M.W. Ranney et al., "Applications For Silane Coupling Agents In The Automotive Industry", Kaut. U. Gummi Kunst., Vol. 23, No. 10, (1975), pp. 597-608.

Abstract 002608, H.E. Haxo et al., "Ground Rice Hull Ash As A Filler For Rubber", Philadelphia, Paper No. 8, (1974), pp. 41. Preprint .012.

Abstract 000937, G.M. Cameron et al., "Reduction Of Tear Build-Up In Mineral-Filled Elastomers Through The Use Of Silane Coupling Agents", Gothenburg, (44) (1973) Ser. Sec. 012.

Abstract 360561, "Putting Performance Into Thermosets With Titanium Coupling Agents", G. Suceran et al., High Performance Plast. National Tech. Conference, Sec. Plast. Eng.

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPSP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

OTHER DOCUMENTS (Including Author, Title, Date, pertinent Pages, Etc.)

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,281,251	01/25/94	LIN			
	2,514,236	07/04/50	GLASSMAN			
	3,025,259	03/13/62	WATSON et al.			
	3,043,708	07/10/52	WATSON et al.			
	3,335,020	08/08/67	ABOYTES et al.			
	3,479,300	11/18/69	RIVIN et al.			
	4,014,944	03/29/77	VIDAL et al.			
	4,328,041	05/04/81	WILSON			
	4,530,961	07/23/85	NGUYEN et al.			
	4,741,780	05/03/88	ATKINSON			
	5,200,164	04/06/93	MEDALIA et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	
					Yes	No
WO 92/13983	08/20/92	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J. Am. Chem. Soc. 1992, 114, 5883-5884

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02) Application No.: To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004 Group Art Unit: To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,401,313	03/28/95	SUPPLZE et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation
					Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

1/1	H. Zeehedi et al., "Role Of Oxygen Surface Groups In Catalysts Of Hydrocracking of Carbon Black By Potassium Carbonate," Carbon Vol. 25, No. 6, (1987), pp. 809-319.
1/1	J.D. Robert et al., "Basic Principles Of Organic Chemistry," p. 1099.

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPSP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02), Application No.: To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004 Group Art Unit: To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	2,793,100	05/21/57	Weibe			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						Yes	No
	EPA 0006190	01/09/80	Europe				
	2426266A	12/11/75	Germany				
	1331989A	07/05/63	France				
	E 72775	04/28/60	France				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Publications Ltd., Database WPI Week 3002, AN 80-03330C; SU.A.659 523, April 1979, Abstract
	Derwent Publications Ltd., Database WPI Week 9423, AN 94-189154; JP 61-29517A, May 1994, Abstract
	Derwent Publications Ltd., Database WPI Week 9524, AN 95-183086; JP.A.07 102 116, April 1995, Abstract
	Patent Abstracts of Japan, Vol. 95, No. 4, JP.A.07 102116, April 1995, Abstract
	Derwent Publications Ltd., Database WPI Week 8631, AN 86-335147; JP 61-250 042, November 1986, Abstract
	PCT International Search Report, Application No. PCT/US 93/16195, Mailing Date: April 19, 1996
	PCT International Search Report, Application No. PCT/US 93/16452, Mailing Date: April 17, 1996
	PCT International Search Report, Application No. PCT/IB 93/01154, Mailing Date: April 29, 1996
	PCT International Search Report, Application No. PCT/US 93/16291, Mailing Date: April 26, 1996

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02) Application No.: To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004 Group Art Unit: To Be Assigned

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	2,867,540	1/6/59	Harris			
	3,528,840	9/15/70	Aboytes			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes or No
1,191,872	5/13/70	Great Britain			
WO 91/15425	10/17/91	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Derwent Abstract No. 82-28019E, October 17, 1979; SU,A,834 062

Examiner Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 509; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Atty. Docket No.: 356,660CIP1CON5 (3600-151-02)

Application No.:

To Be Assigned

Applicant: BELMONT, *et al.*

Filing Date: March 22, 2004

Group Art Unit:

To Be Assigned

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,554,739	9/96	Belmont	534	885	
	5,559,169	9/96	Belmont et al.	523	215	
	5,571,311	11/95	Belmont et al.	108	20 R	
	5,575,845	11/96	Belmont et al.	108	71	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	S. Wolf, et al., "The Influence of Modified Carbon Blacks on Viscoelastic Compound Properties," presented at the ikt/irc '91, Essen (Feg. Rep. Of Germnay, June 24-27, 1991 (7 pages)

Examiner		Date Considered	
----------	--	-----------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV 7-80)				Atty. Docket No. 356,660CIP1CON5 (3600-151-02)		Application No.	
INFORMATION DISCLOSURE STATEMENT				APPLICANT: BELMONT et al.			
				Filing Date: March 22, 2004		Group Art Unit: 1713	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		WO 92/13983	8/2/92	WIPO	C25D	11/00	(previously provided under §120)
		JP 60115665	6/22/85	Japan	C09C	1/56	yes
		JP 59122555	7/16/84	Japan	C09C	1/56	yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	EPO Opposition Notice dated May 7, 2003						
	English Translation of Notice of Opposition dated April 24, 2003						
	N. L. Allinger et al. "Organische Chemie", 1980, page 292.						
	N. Tsubokawa "Functionalization of Carbon Black by Surface Grafting of Polymers", Prog. Polym. Sci., Vol. 17, pages 417-470, 1992						
	N. Tsubokawa et al. "Grafting onto Carbon Black by the Reaction of Reactive Carbon Black Having Epoxide Groups with Several Polymers", Journal of Polymer Science: Part A: Polymer Chemistry, Vol. 27, pages 1701-1712, 1980.						
EXAMINER					DATE CONSIDERED		
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							